### COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION, OR C-I-P)

As a below named inventor, I hereby declare that:

### TYPE OF DECLARATION

This declaration is of the following type:

(check one applicable item below)

|       | [x]        | original. design.   |
|-------|------------|---|
| NOTE: |            | exception of a supplemental oath or declaration submitted in a reissue, a supplemental oath or declaration ated as an amendment under 37 CFR 1.312 (Amendments after allowance). M.P.E.P. Section 714.16, 7 <sup>th</sup> Ed.   |
|       | []         | supplemental.   |
| NOTE: |            | claration is for an International Application being filed as a divisional, continuation or continuation-in-part<br>ion, do <u>not</u> check next item; check appropriate one of last three items.   |
|       | []         | national stage of PCT.  |
| NOTE: |            | of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, IUATION OR C-I-P.   |
| NOTE: | declarati  | C.F.R. Section 1.63(d) (continued prosecution application) for use of a prior nonprovisional application ion in the continuation or divisional application being filed on behalf of the same or fewer of the inventors a the prior application.   |
|       | []         | divisional. continuation.   |
| NOTE: | or divisio | n application discloses and claims subject matter not disclosed in the prior application, or a continuation onal application names an inventor not named in the prior application, a continuation-in-part application filed under 37 C.F.R. Section 1.53(b) (application filing requirements-nonprovisional application). |
|       | []         | continuation-in-part (C-I-P).   |

### **INVENTORSHIP IDENTIFICATION**

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

### TITLE OF INVENTION

### METHOD OF SEPARATION OF PALLADIUM ISOTOPES IN ELECTROMAGNETIC

### SEPARATOR USING A SOURCE OF IONS

### SPECIFICATION IDENTIFICATION

The specification of which:

(complete (a), (b), or (c))

|  | · · · · · · · · · · · · · · · · · · ·  |  |  |
|--|--|--|--|
| [X]  | is attached hereto.  |  |  |
| "The following combinations of information supplied in an oath or declaration filed on the application filing date with a specification are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 C.F.R. Section 1.63: |  |  |  |
| declara  | "(1) name of inventor(s), and reference to an attached specification which is both attached to the oath or<br>ation at the time of execution and submitted with the oath or declaration on filing; |  |  |
|  | "(2) name of inventor(s), and attorney docket number which was on the specification as filed; or   |  |  |
|  | "(3) name of inventor(s), and title which was on the specification as filed."  |  |  |
|  | Notice of July 13, 1995 (1177 O.G. 60).  |  |  |
| []   | was filed on, [ ] as Application No and was amended on (if applicable).  |  |  |
|  | "The fo<br>a speci<br>below  |  |  |

- NOTE: Amendments filed after the original papers are deposited with the PTO that contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 C.F.R. Section 1.67.
- NOTE: "The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 C.F.R. Section 1.63:
  - (A) application number (consisting of the series code and the serial number, e.g., 08/123,456);
  - (B) serial number and filing date;
  - (C) attorney docket number which was on the specification as filed;
  - (D) title which was on the specification as filed and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration;
  - (E) title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number, e.g., 08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration.

M.P.E.P. Section 601.01(a), 7th ed.

| (c)    | []   | was described and claimed in PCT International Application No file on and as amended under PCT Article 19 on (if any).   | d  |
|--------|------|--|----|
|        |      | SUPPLEMENTAL DECLARATION (37 C.F.R. Section 1.67(b))   |    |
|        | (co  | mplete the following where a supplemental declaration is being submitted)  |    |
|        | []   | I hereby declare that the subject matter of the  |    |
|        |      | [ ] attached amendment [ ] amendment filed on  |    |
|        |      | rt of my/our invention and was invented before the filing date of the original application identified, for such invention.   | l, |
|        | ACKI | NOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR   |    |
| specif |      | by state that I have reviewed and understand the contents of the above-identified including the claims, as amended by any amendment referred to above.   | đ  |
| 37, Co |      | owledge the duty to disclose information, which is material to patentability as defined in deral Regulations, Section 1.56,  | n  |
|        |      | (also check the following items, if desired)   |    |
|        | []   | and which is material to the examination of this application, namely, information when<br>there is a substantial likelihood that a reasonable Examiner would consider it importan-<br>in deciding whether to allow the application to issue as a patent, and |    |
|        |      | [ ] in compliance with this duty, there is attached an information disclosur statement, in accordance with 37 C.F.R. Section 1.98.   | e  |
|        |      |  |    |

### PRIORITY CLAIM (35 U.S.C. Section 119(a)-(d))

NOTE: "The claim to priority need be in no special form and may be made by the attorney or agent if the foreign application is referred to in the oath or declaration as required by Section 1.63. The claim for priority and the certified copy of the foreign application specified in 35 U.S.C. Section 119(b) must be filed in the case of an interference (Section 1.630), when necessary to overcome the date of a reference relied upon by the examiner, when specifically required by the examiner, and in all other situations, before the patent is granted. If the claim for priority or the certified copy of the foreign application is filed after the date the issue fee is paid, it must be accompanied by a petition requesting entry and by the fee set forth in Section 1.17(i). If the certified copy is not in the English language, a translation need not be filed except in the case of interference; or when necessary to overcome the date of a reference relied upon by the examiner; or when specifically required by the examiner, in which event an English language translation must be filed together with a statement that the translation of the certified copy is accurate." 37 C.F.R. Section 1.55(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

| (d) | [] | no such applications have been filed. |
|-----|----|---------------------------------------|
|-----|----|---------------------------------------|

(e) [X] such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

# PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. SECTION 119(a)-(d)

| COUNTRY (OR<br>INDICATE IF<br>PCT) | APPLICATION NUMBER | DATE OF FILING<br>DAY, MONTH, YEAR | PRIORITY<br>CLAIMED<br>UNDER 35 USC<br>119 |
|------------------------------------|--------------------|------------------------------------|--|
| RU                                 | 99125195           | 29.11.1999                         | [x]YES []NO                                |
|                                    |                    |                                    | []YES []NO                                 |
|                                    |                    |                                    | []YES: []NO                                |
|                                    |                    |                                    | []YES []NO                                 |
|                                    |                    |                                    | []YES []NO                                 |

## CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)

(35 U.S.C. Section 119(e))

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

| VISION<br>/ | NAL APPLICATION NUMBER   | FILING DATI       |
|-------------|--|-------------------|
|             | CLAIM FOR BENEFIT OF EARLIER U.S./PCT<br>UNDER 35 U.S.C. SECTION 12  |                   |
| []          | The claim for the benefit of any such applications a PAGES TO COMBINED DECLARATION AND DIVISIONAL, CONTINUATION OR CONAPPLICATION. | POWER OF ATTORNEY |
|             |  |                   |

NOTE: If the application filed more than 12 months from the filing date of this application is a PCT filing forming the basis for this application entering the United States as (1) the national stage, or (2) a continuation, divisional, or continuation-in-part, then also complete ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR C-I-P APPLICATION for benefit of the prior U.S. or PCT application(s) under 35 U.S.C. Section 120.

### POWER OF ATTORNEY

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

(list name and registration number)

JOSEPH H. HANDELMAN, 26179 RICHARD P. BERG, 28145

JOHN RICHARDS, 31053 JULIAN H. COHEN, 20302

RICHARD J. STREIT, 25765 WILLIAM R. EVANS 25858

PETER D. GALLOWAY, 27885 JANET I. CORD, 33778

IAN C. BAILLIE, 24090 CLIFFORD J. MASS, 30086

THOMAS F. PETERSON, 24790 CYNTHIA R. MILLER, 34678

(Check the following item, if applicable)

(Declaration and Power of Attorney--page 5 of 8) 1-1

- [ ] I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.
- [ ] Attached, as part of this declaration and power of attorney, is the authorization of the above-named practitioner(s) to accept and follow instructions from my representative(s).

NOTE: "Special care should be taken in continuation or divisional applications to ensure that any change of correspondence address in a prior application is reflected in the continuation or divisional application. For example, where a copy of the oath or declaration from the prior application is submitted for a continuation or divisional application filed under 37 CFR 1.53(b) and the copy of the oath or declaration from the prior application designates an old correspondence address, the Office may not recognize, in the continuation or divisional application, the change of correspondence address made during the prosecution of the prior application. Applicant is required to identify the change of correspondence address in the continuation or divisional application to ensure that communications from the Office are mailed to the current correspondence address. 37 CFR 1.63(d)(4)." Section 601.03, M.P.E.P., 7th Ed.

SEND CORRESPONDENCE TO

DIRECT TELEPHONE CALLS TO: (Name and telephone number)

Ladas & Parry 26 West 61<sup>st</sup> Street New York, N.Y. 10023

(complete the following if applicable)

Since this filing is a [] continuation [] divisional there is attached hereto a Change of Correspondence Address so that there will be no question as to where the PTO should direct all correspondence.

### DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

# (check proper box(es) for any of the following added page(s) that form a part of this declaration)

| [×] | Signature for fourth and subsequent joint inventors. Number of pages added 9-th  |
|-----|--|
|     | * * *  |
| []  | Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added                                   |
|     | * * *  |
| []  | Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 C.F.R. Section 1.47. Number of pages added                                 |
|     | * * *  |
| []  | Added page for <b>signature</b> by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 C.F.R. Section 1.47) |
|     | * * *  |
| []  | Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.                                     |
|     | [ ] Number of pages added  |
|     | * * *  |
| []  | Authorization of practitioner(s) to accept and follow instructions from representative.  |
|     | (If no further pages form a part of this Declaration, then end this Declaration with this page and check the following item)   |
|     | [ ] This declaration ends with this page.  |

### SIGNATURE(S)

| NOTE: | Carefully indicate the | family (or last) name, | as it should appear | on the filing receip | t and all other document. |
|-------|------------------------|------------------------|---------------------|----------------------|---------------------------|
|-------|------------------------|------------------------|---------------------|----------------------|---------------------------|

NOTE: Each inventor must be identified by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and by his/her residence, post office address and country of citizenship. 37 C.F.R. Section 1.63(a)(3).

NOTE: Inventors may execute separate declarations/oaths provided <u>each</u> declaration/oath sets forth all the inventors. Section 1.63(a)(3) requires that a declaration/oath, inter alia, identify each inventor and prohibits the execution of separate declarations/oaths which each sets forth only the name of the executing inventor. 62 Fed. Reg. 53,131, 53,142, October 10, 1997,

### Full name of sole or first inventor

| LEONID                | ALEXEEVICH                          | POLYAKOV              |
|-----------------------|-------------------------------------|-----------------------|
| (Given Name)          | (Middle Initial or Name)            | Family (Or Last Name) |
| Inventor's signature  | DEDHUD JACKEEBUR.                   | 110ULKOB              |
|                       | 20,200 Country of Citizenship Ru    | ıssia                 |
| Residence Russi       | an Federation, Lesnoi               |                       |
| Post Office Address   | Russian Federation, Lesno           | oi. Sverdlovskaya     |
| oblast, ulits         | a Dzerzhinskogo, 20                 |                       |
|                       |                                     |                       |
| Full name of second   | joint inventor, if any              |                       |
| ALEXEI                | NITYOT DEVICES                      | TATARINOV             |
| (Given Name)          | (Middle Initial or Name)            | Family (Or Last Name) |
| Inventor's signature  | AREKCEG HUKONAEBUY                  | TATAPUHOB             |
| DateSeptember         | 20, 2000 Country of Citizenship Rus | sia                   |
| Residence Russian     | n Federation, Lesnòi                |                       |
| Post Office Address   | Russian Federation, Lesno           | i, Sverdlovskaya      |
| oblast, ulits         | a Frunze, 8, kv.9                   |                       |
|                       |                                     |                       |
|                       |                                     |                       |
| Full name of third jo | oint inventor, if any               |                       |
| JURY                  | ALEXANDROVICH                       | MONASTYREV            |
| (Given Name)          | (Middle Initial or Name)            | Family (Or Last Name) |
| Inventor's signature  | 10 pech Arexcaild pol               | our promotes pel      |
| Date September        | 20,200 Country of Citizenship Ru    | ssia                  |
|                       | an Federation, Lesnoi               |                       |
| Post Office Address   | Russian Federation, Lesno           | i, Sverdlovskaya      |
| oblast, Kommu         | nistich <u>esky prospekt, 39,k</u>  | v.18                  |



### SIGNATURE(S)

Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other document. Each inventor must be identified by full name, including the family name, and at least one given name without NOTE: abbreviation together with any other given name or initial, and by his/her residence, post office address and country of citizenship. 37 C.F.R. Section 1.63(a)(3). NOTE: Inventors may execute separate declarations/oaths provided each declaration/oath sets forth all the inventors. Section 1.63(a)(3) requires that a declaration/oath, inter alia, identify each inventor and prohibits the execution of separate

declarations/oaths which each sets forth only the name of the executing inventor. 62 Fed. Reg. 53,131, 53,142, October 10, 1997,

Full name of sole or first inventor forth joint inventor

| SERGEI                      | GEORGIEVICH<br>(Middle Initial or Name)  | OGORODNIKOV                           |
|-----------------------------|--|---------------------------------------|
| SERGEI<br>(Given Name)      | (Middle Initial or Name)   | Family (Or Last Name)                 |
| Inventor's signature 🛴 💆    | Cepren Teopuebur D   | ropogrui KOB                          |
| Date September 20,          | 2000 Country of Citizenship Russ   | ia                                    |
| Residence Russian Fe        | ederation, Lesnoi  |                                       |
| Post Office Address Rus     | ssian Federation, Lesnoi,  | Sverdlovskaya                         |
| oblast, Jubileina           | aya ulitsa, 14,kv.28   |                                       |
|                             |  |                                       |
|                             |  |                                       |
| Full name of second joint   | inventor, if any   |                                       |
|                             |  |                                       |
| (Given Name)                | (Middle Initial or Name)   | Family (Or Last Name)                 |
| Inventor's signature        |  | ·                                     |
| Date                        | Country of Citizenship   |                                       |
| Residence                   |  | · · · · · · · · · · · · · · · · · · · |
| Post Office Address         |  |                                       |
|                             |  |                                       |
|                             |  |                                       |
|                             |  | •                                     |
| Full name of third joint in | nventor, if any  |                                       |
| (Given Name)                | (Middle Initial or Name)   | Family (Or Last Name)                 |
| `                           |  |                                       |
|                             | Country of Citizenship   |                                       |
| Residence                   | •  |                                       |
| <del></del>                 |  |                                       |
| Post Office Address         | and the second s |                                       |